What is claimed is:

1. A disodium salt of a delivery agent having the formula

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wherein

 R^1 , R^2 , R^3 , and R^4 are independently hydrogen, -OH, -NR⁶R⁷, halogen, C_1 - C_4 alkoxy;

 R^5 is a substituted or unsubstituted C_2 - C_{16} alkylene, substituted or unsubstituted C_1 - C_{12} alkylene), or substituted or unsubstituted aryl(C_1 - C_{12} alkylene); and

R⁶ and R⁷ are independently hydrogen, oxygen, or C₁-C₄ alkyl.

- 2. The disodium salt of claim 1, wherein the delivery agent is N-(5-20 chlorosalicyloyl)-8-aminocaprylic acid.
 - 3. The disodium salt of claim 1, wherein the delivery agent is N-(10-[2-hydroxybenzoyl]amino)decanoic acid.
- 25 4. The disodium salt of claim 1, wherein the delivery agent is sodium *N*-(8-[2-hydroxybenzoyl]amino)caprylic acid.
 - 5. An ethanol solvate of the disodium salt of claim 1.
- 30 6. The ethanol solvate of claim 5, wherein the delivery agent is *N*-(5-chlorosalicyloyl)-8-aminocaprylic acid.

- 7. The ethanol solvate of claim 5, wherein the delivery agent is N-(10-[2-hydroxybenzoyl]amino)decanoic acid.
- 8. The ethanol solvate of claim 5, wherein the delivery agent is sodium 5 N-(8-[2-hydroxybenzoyl]amino)caprylic acid.
 - 9. A monohydrate of the disodium salt of claim 1.
- 10. The monohydrate of claim 9, wherein the delivery agent is N-(5-thorosalicyloyl)-8-aminocaprylic acid.
 - The monohydrate of claim 9, wherein the delivery agent is N-(10-[2-hydroxybenzoyl]amino)decanoic acid.
- 15 The monohydrate of claim 9, wherein the delivery agent is sodium *N*-(8-[2-hydroxybenzoyl]amino)caprylic acid.
- 13. A composition comprising at least about 50% by weight of the disodium salt of claim 1, based upon 100% total weight of delivery agent and salts thereof in20 the composition.
 - 14. The composition of claim 13, wherein the composition comprises at least about 90% by weight of the disodium salt, based upon 100% total weight of delivery agent and salts thereof in the composition.

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- 15. A composition comprising:
- (a) the disodium salt of claim 1, ethanol solvate thereof, or monohydrate thereof; and
 - (b) at least one active agent.

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- 16. The composition of claim 15, wherein the composition comprises at least about 50% by weight of the disodium salt, based upon 100% total weight of delivery agent and salts thereof in the composition.
- 17. The composition of claim 16, wherein the composition comprises at least about 90% by weight of the disodium salt, based upon 100% total weight of delivery agent and salts thereof in the composition.

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- 18. The composition of claim 15, wherein the composition comprises at least about 90% by weight of the monohydrate, based upon 100% total weight of hydrate of the disodium salt of the delivery agent in the composition.
 - 19. The composition of claim 15, wherein the active agent is selected from the group consisting of growth hormones; human growth hormones; recombinant human growth hormones; bovine growth hormones; porcine growth hormones; growth hormonereleasing hormones; interferons; α -interferon; β -interferon; γ -interferon; interleukin-1; interleukin-2; insulin; porcine insulin; bovine insulin; human insulin; human recombinant insulin; insulin-like growth factor; IGF-1; heparin; unfractionated heparin; heparinoids; dermatans; chondroitins; low molecular weight heparin; very low molecular weight heparin; ultra low molecular weight heparin; calcitonin; salmon calcitonin; eel calcitonin; human calcitonin; porcine calcitonin; erythropoietin; atrial naturetic factor; antigens; monoclonal antibodies; somatostatin; protease inhibitors; adrenocorticotropin; gonadotropin releasing hormone; oxytocin; leutinizing-hormone-releasing-hormone; follicle stimulating hormone; glucocerebrosidase; thrombopoietin; filgrastim; prostaglandins; cyclosporin; vasopressin; cromolyn sodium; sodium chromoglycate; disodium chromoglycate; vancomycin; desferrioxamine; parathyroid hormone; fragments of parathyroid hormone; antimicrobials; anti-fungal agents; vitamins; analogs, fragments, mimetics and polyethylene glycol-modified derivatives of these compounds; and any combination thereof.
 - 20. The composition of claim 15, wherein the active agent is selected from the group consisting of heparin and calcitonin.

	21.	A dosage unit form comprising:			
		(a)) the composition of claim 15; and		
		(b)	(i)	an excipient,	
			(ii)	a diluent,	
5			(iii)	a disintegrant,	
			(iv)	a lubricant,	
			(v)	a plasticizer,	
			(vi)	a colorant,	
			(vii)	a dosing vehicle, or	
10			(viii)	any combination thereof.	
	22.	A solid dosage unit form comprising a lyophilized mixture comprising			
		(a)	the dis	sodium salt of claim 1; and	
		(b)	at leas	t one active agent.	
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	23.	A met	method for administering heparin to an animal in need thereof, the		
	method comprising a	rising administering orally to the animal the composition of claim 15.			
	24.	A met	A method for preparing a composition comprising mixing:		
20		(a)	at least one member selected from the group consisting of the		
	disodium salt of clair	odium salt of claim 1, ethanol solvates thereof, and monohydrates thereof;			
		(b)	(b) at least one active agent; and		
		(c) optionally, a dosing vehicle.			
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25	25.	A method for preparing an anhydrous disodium salt of a delivery agent			

comprising drying the ethanol solvate of the disodium salt of the delivery agent, wherein the

delivery agent has the formula

$$R^3$$
 R^4
 O
 R^5
 OH
 R^5
 OH
 R^5
 OH

wherein

 R^{1} , R^{2} , R^{3} , and R^{4} are independently hydrogen, -OH, -NR⁶R⁷, halogen, C₁-C₄ alkyl, or C₁-C₄ alkoxy;

 R^5 is a substituted or unsubstituted C_2 - C_{16} alkylene, substituted or unsubstituted C_2 - C_{16} alkenylene, substituted or unsubstituted C_1 - C_{12} alkylene), or substituted or unsubstituted aryl(C_1 - C_{12} alkylene); and

R⁶ and R⁷ are independently hydrogen, oxygen, or C₁-C₄ alkyl.

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- 26. A method of preparing an ethanol solvate of the disodium salt of a delivery agent comprising:
- (a) dissolving the delivery agent in ethanol to form a delivery agent/ethanol solution; and
- 20 (b) reacting the delivery agent/ethanol solution with a molar excess of a sodium containing salt to form the ethanol solvate, wherein the delivery agent has the formula

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$$R^3$$
 R^4
 O
 N
 R^5
 OH
 R^5
 OH
 OH

30 wherein

 R^1 , R^2 , R^3 , and R^4 are independently hydrogen, -OH, -NR⁶R⁷, halogen, C₁-C₄ alkyl, or C₁-C₄ alkoxy;

 R^5 is a substituted or unsubstituted C_2 - C_{16} alkylene, substituted or unsubstituted C_2 - C_{16} alkenylene, substituted or unsubstituted C_1 - C_{12} alkylene), or substituted or unsubstituted aryl(C_1 - C_{12} alkylene); and

 R^6 and R^7 are independently hydrogen, oxygen, or C_1 - C_4 alkyl.

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- 27. The method of claim 26, further comprising the step of:
- (c) recovering the ethanol solvate from the solution containing the ethanol solvate formed in step (b).
- 10 28. A method of preparing a monohydrate of a disodium salt of a delivery agent, the method comprising
 - (a) obtaining an ethanol solvate of the disodium salt of the delivery agent;
 - (b) drying the solvate to form an anhydrous disodium salt; and
 - (c) hydrating the anhydrous disodium salt to form the hydrate, wherein the delivery agent has the formula

 R^3 R^4 O N R^5 OH R^5 OH

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wherein

25 R¹, R², R³, and R⁴ are independently hydrogen, -OH, -NR⁶R⁷, halogen, C₁-C₄ alkyl, or C₁-C₄ alkoxy;

 R^5 is a substituted or unsubstituted C_2 - C_{16} alkylene, substituted or unsubstituted C_2 - C_{16} alkenylene, substituted or unsubstituted C_1 - C_{12} alkylene), or substituted or unsubstituted aryl(C_1 - C_{12} alkylene); and

 R^6 and R^7 are independently hydrogen, oxygen, or C_1 - C_4 alkyl.